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Plot no. 1116/P, Lamadapura Road,
Manjusar – 391 775,
Ta- Savli, Dist. Vadodara, Gujarat, India

Quality Control

Standard Test Specifications

Title: Potassium Hydroxide Pellets ACS

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/037

Revision No.:
00

Effective Date
19/08/2021

Review Date
18/08/2024

Change Control No.

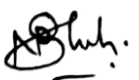
NA

Prepared By: 

Date: 16/08/2021

Name : Pankaj Patel

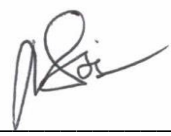
(QC Officer / Designee)

Reviewed By: 

Date: 17/08/2021

Name : Nilesh Shah

(Unit Head / Designee)

Approved By: 

Date: 18/08/2021

Name : Naresh Solanki

(QA/QC In Charge / Designee)

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1.0 SAMPLING LEVEL :

As mentioned in the “Sampling procedure” SOP.

2.0 SAMPLING METHOD TO BE FOLLOWED:

100% sampling to be done from each container.

3.0 TOTAL COMPOSITE SAMPLE TO BE COLLECTED :

100 gm

4.0 RETEST DATE : Tree year

5.0 CAS No: 1310-58-3

6.0 MOLECULAR FORMULA: KOH

7.0 MOLECULAR WEIGHT: 56.11 gm/mol.

8.0 CATEGORY: Excipient.

9.0 STORAGE: In an airtight, non-metallic container.

10.0 SAFETY PRECAUTIONS TO BE TAKEN WHILE SAMPLING AND HANDLING :

Use hand gloves, goggles and apron during Handling.

11.0 CONTROL SAMPLE: 3 X 100gm.

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TEST PARAMETERS AND SPECIFICATIONS**REF: ACS**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white, crystalline masses, supplied as pellets, sticks or slabs, deliquescent, readily absorbing carbon dioxide.
2.	Solubility	Soluble in water
3.	pH (5% aqueous solution)	4.1 – 4.5
4.	Water insoluble matter	Max. 0.01 %
5.	Chloride (Cl)	Max. 10 ppm
6.	Sulphate (SO ₄)	Max. 30 ppm
7.	Heavy metals (as Pb)	Max. 10 ppm
8.	Iron (Fe)	Max. 20 ppm
9.	Sodium (Na)	Max. 50 ppm
10.	Assay	Min.99.00 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	19/08/2021	First Issuance	N A

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